

Team ID	PNT2022TMID52229
Project Name	Project –IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

CREATING A DATABASE IN CLOUDANT DB

The screenshot shows the IBM Cloud Catalog interface. The top navigation bar includes the IBM Cloud logo, a search bar, and the user's account name 'Nagalakshmi A's Account'. The main header area features the 'Catalog' title and a search bar. Below the header, the 'Category' section is expanded, showing a list of categories on the left and a grid of product cards on the right. The 'Databases' category is selected, and the filter 'Type: All' is applied. The 'Delivery method' section is also expanded, showing 'Helm charts' as an option. The product grid displays three database products: 'Cloudant', 'Pg (PostgreSQL)', and 'En (EDB)'. The 'Cloudant' product card is highlighted, showing its description and features.

Category Viewing 206 products

Alphabetically

Recommended products (6)

- Compute (30)
- Containers (9)
- Networking (30)
- Storage (20)
- AI / Machine Learning (17)
- Analytics (10)
- Blockchain (1)
- Databases (28)

Analytics Engine
By IBM

Submit your Apache Spark applications as needed and customize the Spark runtimes to satisfy the requirements of your...

Lite • Free • HIPAA Enabled • IAM-enabled • Service Endpoint Supported • IBM supported

AnonTech ViziVault Platform
By Anon Technology, Inc.

Manage personal information as-a-service safely, securely, and in compliance with data privacy regulations using ViziVault

Lite • Free • HIPAA Enabled • IAM-enabled • Third party supported

API Connect
By IBM

An enterprise-grade platform for creating, securing, managing, sharing, monetizing, and analyzing custom APIs located on...

Lite • Free • EU Supported • IAM-enabled • IBM supported

Databases Viewing 28 products

Alphabetically

Type

- All
- Services
- Software
- Professional services

Delivery method

- Helm charts

Cloudant
By IBM

Pg
Databases for PostgreSQL
By IBM

PostgreSQL is a powerful, open source

En
Databases for EDB
By IBM

EDB is a PostgreSQL-based database

IBM-EPBL x (9) What x IBM-Proj x IBM x Resource x IBM Wat x Product x Current x internet x

cloud.ibm.com/resources

Skip to content Search resources and products... Catalog Manage Nagalakshmi A's Account

Resource list

Create resource +

Name	Group	Location	Product	Status	Tags
Filter by name or IP address... Filter by group or org. Filter... Filter... Filter... Filter...					
Compute (0)					
Containers (0)					
Networking (0)					
Storage (0)					
AI / Machine Learning (0)					
Analytics (0)					
Blockchain (0)					
Databases (1+)					
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					

https://cloud.ibm.com/resources#main-content

cloud.ibm.com/services/cloudantnosqldb/crm%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2Fd9b31f2a7b184805a8cc15a1c0...

IBM Cloud Search resources and products... Catalog Manage Nagalakshmi A's Account

Resource list / Cloudant-yo Active Add tags

Details Actions...

Manage Overview Capacity Docs

Launch Dashboard

Service credentials Plan Connections

Deployment details

CRN	crm:v1:bluemix:public:cloudantnosqldb:eu-gb:a/d9b31f2a7b184805a8cc15a1c0c55e50:416ad1fd-610f-4f0b-a6bf-baf47c55de7c::
Location	London
External endpoint	https://be4272b2-0b09-4590-b04b-0cd1d573622c-bluemix.cloudant.com
External endpoint (preferred)	https://be4272b2-0b09-4590-b04b-0cd1d573622c-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods	IBM Cloud IAM
Activity Tracker event types	Management Save
Disk encryption	Yes. Automatically generated disk encryption key.

IBM-EP x (9) Whi x IBM-Pi x IBM x Service x Clouds x IBM Wi x Produc x Current x interne x

be4272b2-0b09-4590-b04b-0cd1d573622c-bluemix.cloudant.com/dashboard.html

Database name

Create Database {}JSON

Log Out

Databases

Your Databases

Name	Size	# of Docs	Partitioned
------	------	-----------	-------------

Showing 1–0 of 0 databa

Create Database

Database name

database-name

Partitioning

☒ Non-partitioned - recommended for most workloads

☐ Partitioned

> Which should I choose?

Cancel Create

IBM-EP x (9) Whi x IBM-Pi x IBM x Service x Clouds x IBM Wi x Produc x Current x interne x

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Database name

Create Database {}JSON

Log Out

Databases

Your Databases

Name	Size	# of Docs	Partitioned	Actions
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Showing 1–0 of 0 databases. Databases per page 20 < 1 >

IBM-EP x (10) W x IBM-P x IBM x Service x Cloud x IBM W x Produc x Current x interne x

be4272b2-0b09-4590-b04b-0cd1d573622c-bluemix.cloudant.com/dashboard.html#database/nagalakshmi_3/_all_docs

Document ID Options {} JSON

nagalakshmi_3

All Documents +

Query

Permissions

Changes

Design Documents +

Log Out

Table Metadata {} JSON

Create Document

id	key	value
4dc6fbd21b982cbc313a4e17bcb...	4dc6fbd21b982cbc313a4e17bcb...	{"rev": "1-967a00dff5e02add41..."}

Showing document 1 - 1. Documents per page: 20

IBM-EP x (10) W x IBM-P x IBM x Service x Cloud x IBM W x Produc x Current x interne x

be4272b2-0b09-4590-b04b-0cd1d573622c-bluemix.cloudant.com/dashboard.html#database/nagalakshmi_3/_all_docs

Document ID Options {} JSON

nagalakshmi_3

All Documents +

Query

Permissions

Changes

Design Documents +

Log Out

Table Metadata {} JSON

Create Document

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Showing document 1 - 1. Documents per page: 20

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IBM Cloud API Docs / Cloudant

Introduction

Last updated: 2022-10-24

IBM® Cloudant® for IBM Cloud® is a document-oriented database as a service (DBaaS). It stores data as documents in JSON format. It is built with scalability, high availability, and durability in mind. It comes with a wide variety of indexing options that include MapReduce, IBM Cloudant Query, full-text indexing, and geospatial indexing. The replication capabilities make it easy to keep data in sync between database clusters, desktop PCs, and mobile devices.

Detailed documentation is also available such as a [Getting started tutorial](#), [API overview documentation](#), [tutorials](#), and [guides](#).

This documentation describes the SDKs and examples. To see usage information and examples in your preferred SDK, select the language tab in the right pane.

Endpoint URLs

The IBM Cloudant API uses an instance-specific endpoint URL for all regions. You can find your external endpoint by following these steps:

1. Go to the IBM Cloud dashboard and open an instance.
2. Click the Service credentials tab.

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Curl

Java

Node

Python

Go

The code examples on this tab use the IBM Cloudant SDK for Python.

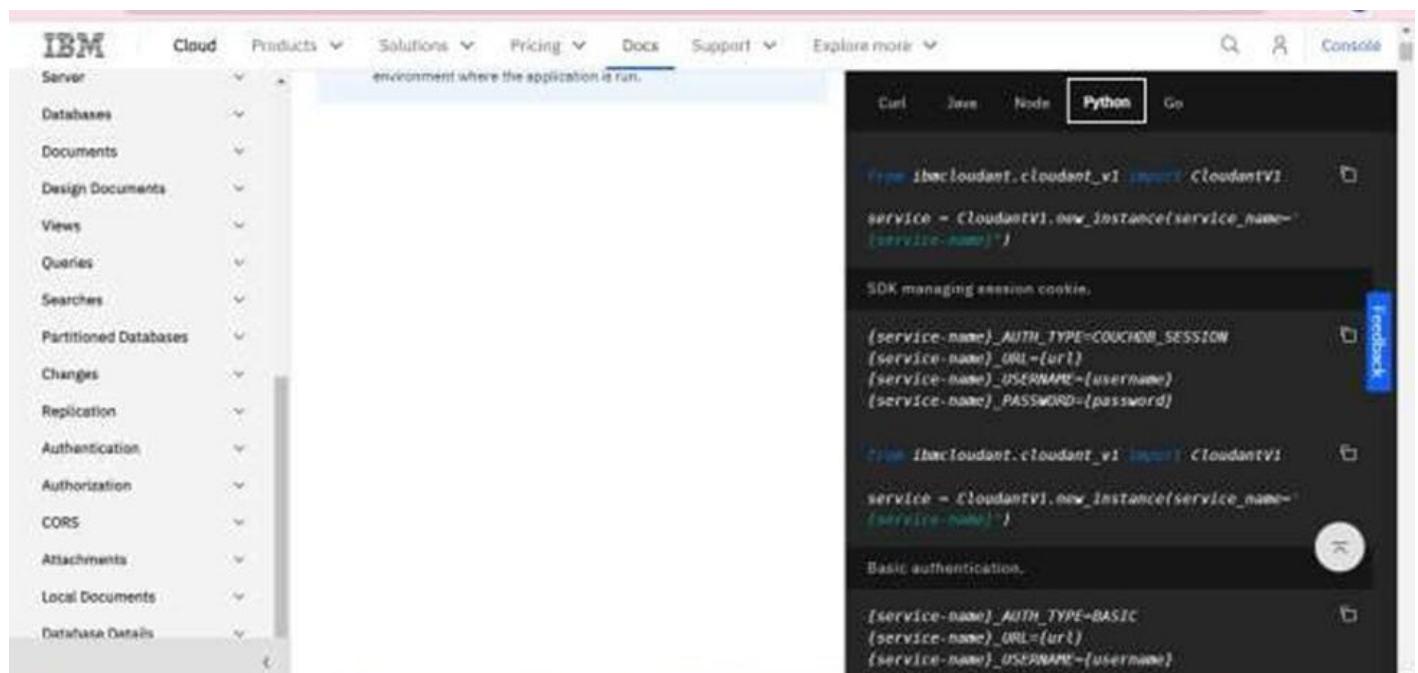
Installation

```
pip install ibmcloudant
```

GitHub

<https://github.com/ibm/cloudant-python-sdk>

Feedback



Thus we created database in cloudant DB.